

Department of Economics
University of Toronto
ECO220Y - L0101/0201
Quantitative Methods
Summer 2014

Lectures: L0101: TR 12-2 (Location: MP203) L0201: TR3-5 (Location: WI1016)

Tutorials: L0101: M1-3 (Location: MP203) L0201: M3-5 (Location: WI1016)

Instructor: Jessie Lamontagne

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Office Hours: Wednesday 1-2 and/or by appointment.

Teaching Assistants: Juan Morales, Lei Tang, Huilan Xu, Shiny Zhang, Stephen Ayerst, Jan Victor Dee, Mathieu Marcoux

Course Description: The second semester of ECO220Y will focus on statistical inference; hypothesis testing and estimation; simple and multiple regression analysis. By the end of the course, you should be familiar with study methods, the basis for these methods, when each is or is not appropriate, and how to correctly interpret and explain results.

Prerequisites: (From the 2014-2015 Course Calendar) ECO100Y1/ECO105Y; MAT133Y1/(MAT123H1, MAT124H1)/(MAT135H1, MAT136H1)/MAT137Y1/MAT157Y1.

Students are responsible for ensuring any prerequisites for this course have been fulfilled. Prerequisites must be completed *before* taking a course. By taking this course, you acknowledge that you can be removed from the course at anytime if you do not meet all requirements. For further information, please consult the Course Calendar available from the Registrar's Office.

Required reading: The course is mostly based on the textbook *Business Statistics, the 3rd custom Canadian edition for ECO220Y*, published 2013, by Sharpe, DeVeaux, Velleman, and Wright. We will cover chapters 12, 13, 14, 18, 19, 20 and 21. In addition to the textbook, you will be required to read the handout *Logarithms in Regression Analysis*, prepared by Jennifer Murdock (posted on Blackboard). A detailed schedule of readings will be posted each week.

Term work and evaluation This section of the course will count for 48% of your final grade (with 46% already accumulated in the first half, and 6% with the Excel test). There will be a term test worth 10% on July 17, a writing test worth 6% on July 31, and weekly in-class writing assignments worth 2%. The final exam will be worth 30% and will be held during the August exam period. The final exam will be cumulative but focus more closely on material covered in the second half.

We will not be using clicker for the second half of the course. Instead, the in-class writing assignments will serve as participation points. These assignments will be collected but not graded; you will get the 2% participation mark if you hand in at least 4. They are designed to help you practice answering short and long answer questions in the final.

The in-class writing test will further help you prepare for the final, and is designed to help you get a deeper understanding of the material we will cover in the second half, especially regression

analysis. Building on the material covered in class, you will be asked to read an article, discuss the methodology, and interpret and explain the results. You will receive detailed instructions two weeks before the test, and there will be a special tutorial to help you prepare for the format.

Website: I will be using Portal/Blackboard to post slides, announcements, homeworks, and other useful information. We will also continue to use the discussion board on Piazza.

Tutorials: There will be 4 tutorials to cover selected questions from the homeworks, and to help prepare you for tests. Please note that solutions to the questions covered in tutorial **will not** be posted. If you miss a tutorial, it is your responsibility to obtain the notes from one of your classmates.

Email policy: Feel free to email me with any question or concern you may have. I will do my best to get back to you within 48 hours. Please make sure to send the email from your University of Toronto email account. For questions related to the material covered in tutorials, please see a TA during office hours. If your question requires a long answer, I may ask you to come see me during office hour instead. If many students ask me the same question, I will respond with an announcement on Blackboard. Please take advantage of Piazza to ask questions and discuss the material amongst your peers. The teaching assistants and I will regularly check the discussion board and answer any open questions.

Accessibility: The University of Toronto provides academic accommodations for students with disabilities in accordance with the terms of the Ontario Human Rights Code. Students who require accommodations for a disability, or have any accessibility concerns about the course should feel free to approach me and/or the Accessibility Services Office (www.accessibility.utoronto.ca) as soon as possible.

Academic Integrity: Academic integrity is essential to the pursuit of learning and scholarship in a university, and to ensuring that a degree from the University of Toronto is a strong signal of each student's individual academic achievement. As a result, the University treats cases of cheating and plagiarism very seriously. The University of Toronto's Code of Behaviour on Academic Matters (www.governingcouncil.utoronto.ca/policies/behaveac.htm) outlines the behaviours that constitute academic dishonesty and the processes for addressing academic offenses. All suspected cases of academic dishonesty will be investigated following procedures outlined in the Code of Behaviour on Academic Matters.

Important Dates:

Classes resume	July 3, 2014
Class (no tutorial)	July 7, 2014
First tutorial	July 14, 2014
Term test	July 17, 2014
Class (no tutorial)	July 21, 2014
In-class writing test	July 31, 2014
Final Exam	August 2014 examination period